

**What Is Claimed Is:**

1. A method of controlling an icon appearance of a display system having a display screen, the method comprising:

backing up display properties of the display system which are currently set for an original icon appearance;

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

changing the at least one sample icon's appearance according to inputs for a new icon appearance being received from a user through the icon control window; and

changing the icon appearance of the display system by changing the display properties in accordance with the user inputs.

2. The method of claim 1, wherein the received inputs include at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type.

3. The method of claim 1, wherein the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the sample icon being resized when the desired icon size is selected through the icon size controller; and

an execution controller interfacing with the display system in order to change an icon size of the display system according to the selected icon size.

4. The method of claim 3, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

5. The method of claim 4, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

6. The method of claim 3, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

7. The method of claim 6, wherein the plurality of selectable buttons include toggle buttons.

8. The method of claim 1, wherein the icon control window comprises:  
a plurality of manual input controllers manually receiving the inputs from the user;  
a preview region including the at least one sample icon, the sample icon's appearance being changed according to the manually received inputs; and  
an execution controller interfacing with the display system for changing the display properties in accordance with the received user inputs.

9. The method of claim 8, wherein the user inputs comprises at least one of an icon size, vertical icon spacing, horizontal spacing, icon font size, and icon font type.

10. The method of claim 1, wherein the backing up display properties comprises:

determining whether the display properties are valid based on a display properties table of the display system;

generating a first registry subkey in a memory of the display system if the display properties are determined to be valid; and

backing up the display properties in a corresponding registry.

11. The method of claim 1, wherein the displaying an icon control window comprises:

determining whether the display properties are valid based on a display properties table of the display system; and

displaying the icon control window on the display screen if the display properties are determined to be valid.

12. The method of claim 1, wherein the changing the at least one sample icon's appearance comprises:

determining whether the inputs for the new icon appearance are received through the icon control window; and

changing at least one of an icon size, vertical icon spacing, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the at least one sample icon according to the new icon appearance if the user inputs are received through the icon control window.

13. The method of claim 1, wherein the changing the icon appearance of the display system comprises:

determining whether the inputs for the new icon appearance are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon appearance if the user inputs are supported by the display system;

14. A display system comprising:

a memory storing display properties of the display system which are currently set for an original icon appearance;

a display unit having a display screen; and

a display controller coupled to the memory and the display unit for:

displaying an icon control window on the display screen, the control window including at least one sample icon for a user's preview;

receiving inputs for a new icon appearance from a user through the icon control window;

changing the at least one sample icon's appearance according to the user inputs; and

changing an icon appearance of the display system by updating the display properties in accordance with the user inputs.

15. The display system of claim 14, wherein the user inputs include at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type.

16. The display system of claim 14, the icon control window comprises:

an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;

a preview region including the at least one sample icon, the display controller resizing the sample icon according to the selected icon size; and

an execution controller interfacing with the display controller for causing the display controller to change an icon size of the display system according to the selected icon size.

17. The display system of claim 16, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.

18. The display system of claim 17, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.

19. The display system of claim 16, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable sizes, the user selecting the desired icon size by selecting one of the selectable buttons.

20. The display system of claim 19, wherein the plurality of selectable buttons include toggle buttons.

21. The display system of claim 14, wherein the icon control window comprises:

a plurality of manual input controllers manually receiving the inputs from the user;

a preview region including the at least one sample icon, the display controller changing the sample icon's appearance according to the manually received inputs; and

an execution controller interfacing with the display controller for causing the display controller to update the display properties in accordance with the received user inputs.

22. The display system of claim 21, wherein the manually received inputs comprise at least one of an icon size, vertical icon spacing, horizontal spacing, icon font size, and icon font type.

23. A computer software product, comprising:

a computer-readable medium storing program code for controlling an icon appearance of a display system having a display screen, the program code, when executed by a display controller, causing the display controller to perform:

backing up display properties of the display system which are currently set for an original icon appearance;

displaying an icon control window on the display screen, the icon control window including at least one sample icon for a user's preview;

changing the at least one sample icon's appearance according to inputs for a new icon appearance being received from a user through the icon control window; and

changing the icon appearance of the display system by changing the display properties in accordance with the user inputs.

24. The software product of claim 23, wherein the received inputs include at least one of an icon size, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type.

25. The software product of claim 23, wherein the icon control window comprises:
- an icon size controller providing a plurality of selectable icon sizes for the user to select a desired icon size from the selectable icon sizes;
  - a preview region including the at least one sample icon, the sample icon being resized when the desired icon size is selected through the icon size controller; and
  - an execution controller interfacing with the display system in order to change an icon size of the display system according to the selected icon size.
26. The software product of claim 25, wherein the icon size controller comprises a sliding bar with minimum and maximum icon sizes, the user selecting the desired icon size by moving a size indicator within the sliding bar.
27. The software product of claim 26, wherein the minimum and maximum icon sizes of the sliding bar are selected from a size range supported by the display system.
28. The software product of claim 25, wherein the icon size controller comprises a plurality of selectable buttons representing the plurality of selectable icon sizes, the user selecting the desired icon size by selecting one of the selectable buttons.
29. The software product of claim 28, wherein the plurality of selectable buttons include toggle buttons.
30. The software product of claim 23, wherein the icon control window comprises:
- a plurality of manual input controllers manually receiving the inputs from the user;

a preview region including the at least one sample icon, the sample icon's appearance being changed according to the manually received inputs; and

an execution controller interfacing with the display system for changing the display properties in accordance with the received user inputs.

31. The software product of claim 30, wherein the user inputs comprises at least one of an icon size, vertical icon spacing, horizontal spacing, icon font size, and icon font type.

32. The software product of claim 23, wherein the backing up display properties comprises:

determining whether the display properties are valid based on a display properties table of the display system;

generating a first registry subkey in a memory of the display system if the display properties are determined to be valid; and

backing up the display properties in a corresponding registry.

33. The software product of claim 23, wherein the displaying an icon control window comprises:

determining whether the display properties are valid based on a display properties table of the display system; and

displaying the icon control window on the display screen if the display properties are determined to be valid.



34. The software product of claim 23, wherein the changing the at least one sample icon's appearance comprises:

determining whether the inputs for a new appearance are received through the icon control window; and

changing at least one of an icon size, vertical icon spacing, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the at least one sample icon according to the new icon appearance if the user inputs are received through the icon control window.

35. The software product of claim 23, wherein the changing the icon appearance of the display system comprises:

determining whether the user's inputs for the new icon appearance are supported by the display system; and

changing at least one of an icon size, vertical icon spacing, vertical icon spacing, horizontal icon spacing, icon font size, and icon font type of the display system according to the new icon appearance if the user inputs are supported by the display system;